

Abstract

The invention relates to a bearing arrangement for absorbing axial loads, comprising a plurality of axial roller bearings arranged one behind the other and each having a housing plate (1.1, 1.2, 1.3), a shaft plate (2.1, 2.2) and rolling body sets (3.1, 3.2, 3.3, 3.4) arranged between these runner plates, the shaft plates (2.1, 2.2) and the housing plates (1.1, 1.2, 1.3) being supported axially by means of spacer rings (5.1, 4.1, 4.2) arranged between them in each case.

The invention is distinguished in that the housing plates (1.1, 1.2, 1.3) and the shaft plates (2.1, 2.2) have a constant axial thickness over their entire radial extent in the region of the rolling body sets (3.1, 3.2, 3.3, 3.4), and at least one of the shaft plates (2.1, 2.2) is provided at its inner circumference with an annular clearance (6) which is inwardly open in the radial direction.

Figure 5